

fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle A of title XV, add the following:

**SEC. 1516. RESEARCH AND EDUCATIONAL ACTIVITIES TO SUPPORT SPACE TECHNOLOGY DEVELOPMENT.**

(a) **IN GENERAL.**—Not later than 180 days after the date of the enactment of this Act, the Secretary of the Air Force and the Chief of Space Operations, in coordination with the Chief Technology and Innovation Office of the Space Force, may carry out research and educational activities to support space technology development.

(b) **ACTIVITIES.**—Activities carried out under subsection (a) shall support the research, development, and demonstration needs of the Space Force, including by addressing and facilitating the advancement of capabilities related to—

- (1) space domain awareness;
- (2) position, navigation, and timing;
- (3) autonomy;
- (4) data analytics;
- (5) communications;
- (6) space-based power generation;
- (7) space applications for cybersecurity; and

(8) any other matter the Secretary of the Air Forces considers relevant.

(c) **EDUCATION AND TRAINING.**—Activities carried out under subsection (a) shall—

- (1) promote education and training for students in order to support the future national security space workforce of the United States; and
- (2) explore opportunities for international collaboration.

**SA 4681.** Mr. LUJÁN submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle B of title VIII, insert the following:

**SEC. 821. USE OF DOMESTICALLY SOURCED COMPONENTS IN DEPARTMENT OF DEFENSE SATELLITES.**

(a) **IN GENERAL.**—Subchapter II of chapter 385 of title 10, United States Code, is amended by inserting after section 4864 the following new section:

**“§ 4865. Domestic source requirement for certain satellite components**

“(a) **IN GENERAL.**—The Secretary of Defense may not acquire a covered component for a Department of Defense satellite unless the covered component is manufactured in the United States.

“(b) **WAIVER.**—

“(1) **IN GENERAL.**—The Secretary may waive the prohibition under subsection (a) with respect to the acquisition of a covered component if the Secretary—

“(A) determines that—

“(i) no significant national security concerns regarding counterfeiting, quality, or unauthorized access would be created by waiving the prohibition;

“(ii) the acquisition of the covered component is required to support national security; and

“(iii) the covered component is not available from a source inside the United States

of satisfactory quality, in sufficient quantity, in the required form, and at reasonable cost; and

“(B) submits to the congressional defense committees a report on the determination under subparagraph (A).

“(2) **PROHIBITION ON ACQUISITION FROM COVERED NATIONS.**—A waiver under paragraph (1) may not authorize the acquisition of a covered component from a covered nation.

“(c) **APPLICABILITY.**—This section applies respect to contracts entered into on or after October 1, 2022.

“(d) **DEFINITIONS.**—In this section:

“(1) **COVERED COMPONENT.**—The term ‘covered component’ means a space-qualified solar cell, cell-interconnect-coverglass (CIC) assembly, solar panel, or solar array.

“(2) **COVERED NATION.**—The term ‘covered nation’ means—

“(A) the Democratic People’s Republic of North Korea;

“(B) the People’s Republic of China;

“(C) the Russian Federation; and

“(D) the Islamic Republic of Iran.

“(3) **DEPARTMENT OF DEFENSE SATELLITE.**—The term ‘Department of Defense satellite’ means a satellite the principal purpose of which is to support the needs of the Department of Defense.”.

(b) **CLERICAL AMENDMENT.**—The table of sections for chapter 385 of such title is amended by inserting after the item relating to section 4864 the following new item:

“4865. Domestic source requirement for certain satellite components.”.

(c) **EFFECTIVE DATE.**—The amendments made by this section take effect on January 1, 2022.

**SA 4682.** Mr. RISCH submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle G of title XII, add the following:

**SEC. 1283. LIMITATION ON REMOVING GOVERNMENT OF CUBA FROM STATE SPONSORS OF TERRORISM LIST UNTIL PRESIDENT CERTIFIES CUBA NO LONGER PROVIDES SANCTUARY TO TERRORISTS.**

The President may not remove Cuba from the list of state sponsors of terrorism until the President, without delegation, certifies and reports to Congress that the Government of Cuba has ceased to provide sanctuary to terrorists.

**SA 4683.** Mr. LANKFORD submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle C of title VII, add the following:

**SEC. 744. DELAY OF COVID-19 VACCINE MANDATE FOR MEMBERS OF THE ARMED FORCES AND ADDITIONAL REQUIREMENTS RELATING TO VACCINE MANDATES.**

(a) **DELAY OF VACCINE MANDATE.**—The Secretary of Defense may not require members of the Armed Forces to receive the vaccination for coronavirus disease 2019 (commonly known as “COVID-19”) or penalize such members for not receiving such vaccine until the date on which all religious and medical accommodation requests seeking an exemption from such a requirement have been individually evaluated with a final determination and all appeal processes in connection with any such requests have been exhausted.

(b) **PRIVATE RIGHT OF ACTION RELATING TO COVID-19 VACCINATION.**—A member of the Armed Forces whose religious accommodation request relating to the vaccination for coronavirus disease 2019 is denied without written individualized consideration or consultation with the Office of the Chief of Chaplains for the military department concerned to confirm that there is a compelling interest in having the member receive such vaccination and that mandating vaccination is the least restrictive means of furthering that interest shall have a cause of action for financial damages caused by the harm to their military career, retirement, or benefits.

(c) **CONSULTATION WITH OFFICES OF CHIEF OF CHAPLAINS REGARDING RELIGIOUS ACCOMMODATIONS.**—

(1) **IN GENERAL.**—The final accommodation authority for each military department shall consult with the Office of the Chief of Chaplains for the military department concerned before denying any religious accommodation request.

(2) **PROCEDURES FOR RELIGIOUS EXEMPTION REQUESTS.**—The Secretary of Defense shall consult with the members of the Armed Forces Chaplains Board in determining the general procedure for processing religious exemption requests.

(3) **DETERMINATIONS RELATING TO RELIGIOUS BELIEF OR CONSCIENCE.**—No determinations shall be made regarding the sincerity of the religious belief or conscience of a member of the Armed Forces by the final accommodation authority without the documented consultation of a chaplain with the member.

(d) **INSPECTOR GENERAL INVESTIGATION REGARDING RELIGIOUS ACCOMMODATIONS.**—Not later than 60 days after the date of the enactment of this Act, the Inspector General of the Department of Defense shall complete an investigation into whether each of the military departments has complied with Federal law (including the Religious Freedom Restoration Act of 1993 (42 U.S.C. 2000bb et seq.)), Department of Defense Instruction 1300.17, and other policies of the military departments relevant to determining religious accommodations for vaccination requirements.

**SA 4684.** Mr. KENNEDY submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place, insert the following:

**SEC. —. REQUIREMENT TO EXPEDITE REQUESTS FOR COST MODIFICATIONS TO DEPARTMENT OF DEFENSE CONTRACTS RESULTING FROM SUPPLY CHAIN CHALLENGES.**

The Secretary of Defense shall expedite any request for a cost modification to a contract of the Department of Defense that results from supply chain challenges.

**SA 4685.** Mrs. BLACKBURN submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

Strike section 853 and insert the following:  
**SEC. 853. DETERMINATION WITH RESPECT TO OPTICAL FIBER FOR DEPARTMENT OF DEFENSE PURPOSES.**

**(a) DETERMINATION.—**

(1) **IN GENERAL.**—Not later than 120 days after the date of the enactment of this Act, the Secretary of Defense shall review access, metro, and long-haul passive optical fiber and optical fiber cable that is manufactured or produced by an entity owned or partially owned by the People's Republic of China for potential inclusion on the list of covered communications equipment pursuant to section 2 of the Secure and Trusted Communications Networks Act of 2019 (47 U.S.C. 1601).

(2) **APPLICABILITY.**—If the Secretary of Defense makes a determination that any such optical fiber or optical fiber cable would pose an unacceptable risk to the national security of the United States or the security and safety of United States persons and should be included on the list, any such inclusion shall apply to such optical fiber or optical fiber cable deployed after such determination.

(b) **NOTIFICATION REQUIREMENT.**—Not later than 180 days after the date of the enactment of this Act, the Secretary of Defense shall notify the congressional defense committees of the findings of the review and determination required under subsection (a), publish the determination in the Federal Register, and submit that determination to the relevant Federal agencies, including the Department of Commerce and the Federal Communications Commission.

(c) **SAVINGS CLAUSE.**—No determination made under section (a) shall impact the current filing and reimbursement process for the Secure and Trusted Communications Networks Program at the Federal Communications Commission.

**(d) DEFINITIONS.**—In this section:

(1) The term “access” means optical fiber and optical fiber cable that connects subscribers (residential and business) and radio sites to a service provider.

(2) The term “long haul” means optical fiber and optical fiber cable that connects cities and metropolitan areas.

(3) The term “metro” means optical fiber and optical fiber cable that connects city business districts and central city and suburban areas.

(4) The term “passive” means unpowered optical fiber and optical fiber cable.

**SA 4686.** Mr. CORNYN (for himself and Mr. KING) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to

the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place in title X, insert the following:

**SEC. —. STUDY ON SUPPLY CHAINS CRITICAL TO NATIONAL SECURITY.**

Not later than 180 days after the date of the enactment of this Act, the Director of National Intelligence shall, in coordination with the Director of the Central Intelligence Agency and the heads of such elements of the intelligence community as the Director of National Intelligence considers appropriate—

**(1) complete a study—**

**(A) to identify—**

(i) supply chains that are critical to the national security, economic security, or public health or safety of the United States; and

(ii) important vulnerabilities in such supply chains; and

**(B) to develop recommendations for legislative or administrative action to secure the supply chains identified under subparagraph (A)(i); and**

**(2) submit to the congressional intelligence committees (as that term is defined in section 3 of the National Security Act of 1947 (50 U.S.C. 3003)), the Committee on Armed Services of the Senate, and the Committee on Armed Services of the House of Representatives the findings of the directors with respect to the study conducted under paragraph (1).**

**SA 4687.** Mr. BENNET (for himself, Mr. HICKENLOOPER, and Mr. CRAMER) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle A of title XV, add the following:

**SEC. 1516. RESEARCH AND EDUCATIONAL ACTIVITIES TO SUPPORT SPACE TECHNOLOGY DEVELOPMENT.**

**(a) IN GENERAL.**—Not later than 180 days after the date of the enactment of this Act, the Secretary of the Air Force and the Chief of Space Operations, in coordination with the Chief Technology and Innovation Office of the Space Force, may carry out research and educational activities to support space technology development.

**(b) ACTIVITIES.**—Activities carried out under subsection (a) shall support the research, development, and demonstration needs of the Space Force, including by addressing and facilitating the advancement of capabilities related to—

**(1) space domain awareness;**

**(2) position, navigation, and timing;**

**(3) autonomy;**

**(4) data analytics;**

**(5) communications;**

**(6) space-based power generation;**

**(7) space applications for cybersecurity; and**

**(8) any other matter the Secretary of the Air Forces considers relevant.**

**(c) EDUCATION AND TRAINING.**—Activities carried out under subsection (a) shall—

**(1) promote education and training for students in order to support the future national security space workforce of the United States; and**

**(2) explore opportunities for international collaboration.**

**SA 4688.** Ms. CORTEZ MASTO (for herself and Mr. DAINES) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place in title X, insert the following:

**SEC. —. NATIONAL SCIENCE AND TECHNOLOGY STRATEGY.**

Title II of the National Science and Technology Policy, Organization, and Priorities Act of 1976 (42 U.S.C. 6611 et seq.) is amended by striking section 206 and inserting the following:

**“SEC. 206. NATIONAL SCIENCE AND TECHNOLOGY STRATEGY.**

**“(a) STRATEGY REQUIRED.**—Not later than the end of each calendar year immediately after the calendar year in which a review under section 206A(b) is completed, the Director of the Office of Science and Technology Policy, in consultation with the National Science and Technology Council, shall develop and submit to Congress a comprehensive national science and technology strategy of the United States to meet national research and development objectives for the following 4-year period (in this section referred to as the ‘national science and technology strategy’).”

**“(b) REQUIREMENTS.**—Each national science and technology strategy required by subsection (a) shall delineate a national science and technology strategy consistent with—

**“(1) the recommendations and priorities developed pursuant to the review most recently completed under section 206A(b);**

**“(2) the most recent national security strategy report submitted pursuant to section 1032 of the National Defense Authorization Act for Fiscal Year 2012 (50 U.S.C. 3043);**

**“(3) other relevant national plans; and**

**“(4) the strategic plans of relevant Federal departments and agencies.**

**“(c) CONSULTATION.**—The Director of the Office of Science and Technology Policy shall consult, as necessary, with the Director of the Office of Management and Budget and other appropriate elements of the Executive Office of the President to ensure that the recommendations and priorities delineated in the science and technology strategy are incorporated in the development of annual budget requests.

**“(d) ANNUAL REPORTS.—**

**“(1) IN GENERAL.**—The President shall submit to Congress each year a comprehensive report on the national science and technology strategy of the United States.

**“(2) CONTENTS.**—Each report submitted under paragraph (1) shall include a description of the following:

**“(A) The strategic objectives and priorities necessary to maintain the leadership of the United States in science and technology and to advance science and technology to address**